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AMENDMENTS TO CLAIMS

Claim 1: (Currently Amended) A compound which has the structure

$$\begin{array}{c|c}
R^{2a} & R^{2b} & R^{2} \\
R^{2a} & R^{2b} & R^{2b} & R^{2b} \\
R^{2b} & R^{2b} & R^{2b} & R^{2b} & R^{2b} \\
R^{2b} & R^{2b} & R^{2b} & R^{2b} & R^{2b} \\
R^{2b} & R^{2b} & R^{2b} & R^{2b} & R^{2b} \\
R^{2b} & R^{2b} & R^{2b} & R^{2b} & R^{2b} \\
R^{2b} & R^{2b} & R^{2b} & R^{2b} & R^{2b} \\
R^{2b} & R^{2b} & R^{2b} & R^{2b} & R^{2b} \\
R^{2b} & R^{2b} & R^{2b} & R^{2b} & R^{2b} \\
R^{2b} & R^{2b} & R^{2b} & R^{2b} & R^{2b} \\
R^{2b} & R^{2b} & R^{2b} & R^{2b} & R^{2b} & R^{2b} \\
R^{2b} & R^{2b} & R^{2b} & R^{2b} & R^{2b} & R^{2b} \\
R^{2b} & R^{2b} & R^{2b} & R^{2b} & R^{2b} & R^{2b} & R^{2b} \\
R^{2b} & R^{2b} & R^{2b} & R^{2b} & R^{2b} & R^{2b} & R^{2b} \\
R^{2b} & R^{2b} \\
R^{2b} & R^{2b}$$

wherein m is 0, 1 or 2; n is 0, 1 or 2;

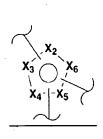
Q is C;

A is $(CH_2)_x$ where x is 1 to 5 or A is $(CH_2)_x^4$ where x^4 is 1 to 5 with an alkenyl bond or an alkynyl bond embedded anywhere in the chain, or A is $-(CH_2)_x^2$ -O $-(CH_2)_x^3$ where x^2 is 0 to 5 and x^3 is 0 to 5, provided that at least one of x^2 and x^3 is other than 0 $-(CH_2)_x^2$ -O where x^2 is 0 to 5;

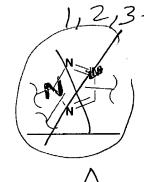
B is a bond or is $(CH_2)_x - (CH_2)_x^4$ where x^4 is 1 to 5;

X is CH;

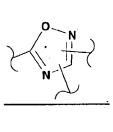
EXA



<u>is</u>



<u>or</u>



X2 is C, N, O or S;

X₃ is C, N, O or S;

X4 is C, N, O or S;

Xs is C, N, O or S;

X₆ is C, N, O or S;

provided that at least one of X2, X3, X4-X5 and X6 is N; and at least one of X2, X3, X4-X5 and X6 is C,

R¹ is H or alkyl;

R² is H, alkyl, alkoxy, halogen, amino or substituted amino or cyano;

R^{2a}, R^{2b} and R^{2c} may be the same or different and are selected from H, alkyl, alkoxy, halogen, amino or substituted amino or cyano;

R³ is selected from H, alkyl, arylalkyl, aryloxycarbonyl, alkyloxycarbonyl, alkynyloxycarbonyl, alkenyloxycarbonyl, arylcarbonyl, alkylcarbonyl, aryl, heteroaryl, cycloheteroalkyl, heteroarylcarbonyl, heteroaryl-heteroarylalkyl, alkylcarbonylamino, arylcarbonylamino, heteroarylcarbonylamino, alkoxycarbonylamino, aryloxycarbonylamino, heteroaryloxycarbonylamino, heteroaryl-heteroarylcarbonyl, alkylsulfonyl, alkenylsulfonyl, heteroaryloxycarbonyl, cycloheteroalkyloxycarbonyl, heteroarylalkyl, aminocarbonyl, substituted aminocarbonyl, alkylaminocarbonyl, arylaminocarbonyl, heteroarylalkenyl, cycloheteroalkylheteroarylalkyl; hydroxyalkyl, alkoxy, alkoxyaryloxycarbonyl, arylalkyloxycarbonyl, alkylaryloxycarbonyl, arylheteroarylalkyl, arylalkylarylalkyl, aryloxyarylalkyl, haloalkoxyaryloxycarbonyl, alkoxycarbonylaryloxycarbonyl, aryloxyaryloxycarbonyl, arylsulfinylarylcarbonyl, arylthioarylcarbonyl, alkoxycarbonylaryloxycarbonyl, arylalkenyloxycarbonyl, heteroaryloxyarylalkyl, aryloxyarylcarbonyl, aryloxyarylalkyloxycarbonyl, arylalkylcarbonyl, aryloxyalkyloxycarbonyl, arylalkylsulfonyl, arylthiocarbonyl, arylalkenylsulfonyl, heteroarylsulfonyl, arylsulfonyl, alkoxyarylalkyl, heteroarylalkoxycarbonyl, arylheteroarylalkyl, alkoxyarylcarbonyl, aryloxyheteroarylalkyl, heteroarylalkyloxyarylalkyl, arylarylalkyl, arylalkenylarylalkyl, arylalkoxyarylalkyl, arylcarbonylarylalkyl, alkylaryloxyarylalkyl, arylalkoxycarbonylheteroarylalkyl, heteroarylarylalkyl, arylcarbonylheteroarylalkyl, heteroaryloxyarylalkyl, arylalkenylheteroarylalkyl, arylaminoarylalkyl, aminocarbonylarylarylalkyl;

Y is CO_2R^4 where R^4 is H or alkyl [[,]] or a prodrug ester, or Y is a phosphinic acid of the structure $P(O)(OR^{4a})R^5$ where R^{4a} is H or a prodrug ester, R^6 is alkyl or aryl, or a phosphonic acid of the structure $P(O)(OR^{4a})_2$;

 $(CH_2)_x$, $(CH_2)_x^1$, $(CH_2)_x^2$, $(CH_2)_x^3$, $(CH_2)_x^4$, $(CH_2)_m$, and $(CH_2)_n$ may be optionally substituted with 1, 2 or 3 substituents selected from alkyl, alkenyl, halogen, cyano, hydroxy, alkoxy, amino, thioalkyl, keto, C_3 - C_6 cycloalkyl, alkylcarbonylamino or alkylcarbonyloxy;

and wherein the term "heteroaryl" alone or as part of another group refers to a 5- or 6-membered aromatic ring which includes 1, 2, 3 or 4 heteroatoms which is nitrogen, oxygen or sulfur, and such rings optionally fused to an aryl, cycloalkyl, heteroaryl or cycloheteroalkyl ring;

the term "cycloheteroalkyl" alone or as part of another group refers to a 5-, 6- or 7-membered saturated or partially saturated ring which includes 1 to 2 heteroatoms which is nitrogen, oxygen or sulfur, and such rings optionally fused to a cycloalkyl, aryl, heteroaryl or cycloheteroalkyl ring:

and all stereoisomers thereof, a prodrug ester thereof, or a pharmaceutically acceptable salt thereof,•



and specifically excluding the structure as shown below: $R^{2a} = \begin{pmatrix} R^{2b} & R^{2b} & R^{2} & R^{2}$

Claim 5. (Original) The compound as defined in Claim 1 wherein B is a bond.

Claim 6. (Previously Presented) The compound as defined in Claim 1 wherein

Claim 7. (Original) The compound as defined in Claim 1 wherein R³ is arylalkyloxycarbonyl, arylakyl, aryloxyarylalkyl, aryloxyaryloxycarbonyl, haloaryl-oxycarbonyl, alkylaryloxycarbonyl, aryloxyaryloxycarbonyl, heteroaryloxyarylalkyl, heteroaryloxycarbonyl, aryloxyaryloxycarbonyl, cycloalkylaryloxycarbonyl, arylalkylarylcarbonyl, heteroaryl-heteroarylalkyl, cycloalkyloxyaryloxycarbonyl, heteroaryl-heteroarylalkyl, cycloalkyloxyaryloxycarbonyl, heteroaryl-heteroarylalkyl, arylalkylsulfonyl, arylalkenylsulfonyl, alkoxyarylalkyl, arylthiocarbonyl, cycloheteroalkylalkyloxycarbonyl, cycloheteroalkyloxycarbonyl, or polyhaloalkylaryloxy-carbonyl, which may be optionally substituted.

Claim 8. (Previously Presented) The compound as defined in Claim 1 which has the structure

Claim 13. (Previously Presented) The compounds as defined in Claim 1 having the structure

Claim 14. (Original) A pharmaceutical composition comprising a compound as defined in Claim 1 and a pharmaceutically acceptable carrier therefor.

Claim 15. (Previously Presented) A method for treating diabetes, or Type 2 diabetes, insulin resistance, hyperglycemia, hyperinsulinemia, elevated blood levels of fatty acids or glycerol, hyperlipidemia, obesity, hypertriglyceridemia, inflammation, Syndrome X, diabetic complications,

<u>dysmetabolic syndrome</u>, and atheroscleresis, which comprises administering to a patient in need of treatment a therapeutically effective amount of a compound as defined in Claim 1.

Claim 16. (Cancelled).

Claim 17. (Original) A pharmaceutical combination comprising a compound as defined in Claim 1 and a lipid-lowering agent, a lipid modulating agent, an antidiabetic agent, an anti-obesity agent, an antihypertensive agent, a platelet aggregation inhibitor, and/or an antiosteoporosis agent.

Claim 18. (Original) The combination as defined in Claim 17 wherein the antidiabetic agent is 1, 2, 3 or more of a biguanide, a sulfonyl urea, a glucosidase inhibitor, a PPARγ agonist, a PPAR α/γ dual agonist, an SGLT2 inhibitor, a DP4 inhibitor, an aP2 inhibitor, an insulin sensitizer, a glucagon-like peptide-I (GLP-I), insulin and/or a meglitinide, the anti-obesity agent is a beta 3 adrenergic agonist, a lipase inhibitor, a serotonin (and dopamine) reuptake inhibitor, a thyroid receptor agonist, an aP2 inhibitor, a cannabinoid receptor-1 antagonist and/or an anorectic agent, the lipid lowering agent is an MTP inhibitor, an HMG CoA reductase inhibitor, a squalene synthetase inhibitor, a fibric acid derivative, an upregulator of LDL receptor activity, a lipoxygenase inhibitor, a farnesoid receptor (FXR) agonist, a liver X receptor (LXR) agonist, a CETP inhibitor or an ACAT inhibitor, the antihypertensive agent is an ACE inhibitor, angiotensin II receptor antagonist, NEP/ACE inhibitor, calcium channel blocker and/or β-adrenergic blocker.

Claim 19. (Original) The combination as defined in Claim 18 wherein the antidiabetic agent is 1, 2, 3 or more of metformin, glyburide, glimepiride, glipyride, glipizide, chlorpropamide, gliclazide, acarbose, miglitol, pioglitazone, rosiglitazone, balaglitazone, insulin, Gl-262570, isaglitazone, JTT-501, NN-2344, L895645, YM-440, R-119702, AJ9677, repaglinide, nateglinide, KAD1129, AR-HO39242, GW-409544, KRP297, AZ-242, AC2993, LY315902, P32/98 and/or NVP-DPP-728A, the anti-obesity agent is orlistat, ATL-962, AJ9677, L750355, CP331648, sibutramine, topiramate, axokine, dexamphetamine, phentermine, phenylpropanolamine, rimonabant (SR-141716) and/or mazindol, the lipid lowering agent is pravastatin, lovastatin, simvastatin, atorvastatin, fluvastatin, itavastatin, visastatin, rosuvastatin, pitavastatin, fenofibrate, gemfibrozil, clofibrate, avasimibe, ezetimibe, TS-962, MD-700, cholestagel, niacin and/or LY295427, the antihypertensive agent is an ACE inhibitor which is captopril, fosinopril, enalapril, lisinopril, quinapril, benazepril, fentiapril, ramipril or moexipril; an NEP/ACE inhibitor which is omapatrilat, [S[(R*,R*)]-